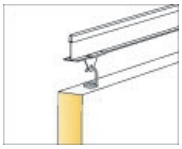
ECOPHON SOLO BAFFLE WAVE AND ZIG ZAG



The system should consist of glass fiber acoustic free-hanging units hanging vertically. Ecophon Solo Baffle Wave and Zig-Zag are available in dimensions 1800x300x40 mm and 1800x600x40 mm. Ecophon offers several different installation possibilities using Connect™ Baffle profile, Connect Adjustable wire hanger or Connect™ grid system. The range consists of Ecophon Solo™ Baffle/anchor or Solo Baffle Hook with Akutex™ FT surface on both sides. The edges are straight cut and painted. Ecophon Solo Baffle in a wide range of colours. All systems are easily demountable. Approximate weight of system 2-4 kg/m

The panels should be installed using of the following systems: Connect T24 Main Runner, Connect Adjustable wire hangers, Connect Baffle Profile, Connect Profile Connector and Connect Guiding Pin.

Both sides of the panel should feature the Akutex™ FT surface, colour White Frost, a painted surface with water-based paint. The edges should be straight and painted.

Installation: The system should be installed according to Ecophon installation diagram M416, M417, M418 and M419. The minimum height of installation should be according to the chosen installation method.

Visual appearance: The closest NCS colour of the white visible surface of the panels should be S 0500-N. The ceiling surface should have a light reflectance of 85% and gloss level below 1.

Acoustic absorption: The panel type solo Baffle Anchor should have the following sound absorption values:
Sound absorption coefficient

Solo Baffle	THK	o.d.s	αp Practical sound absorption coefficient						
	mm	mm	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	αw
600	40	600	0,35	0,30	0,65	0,85	0,85	0,85	0,60
300	40	300	0,30	0,40	0,45	0,80	0,85	0,75	0,55
300	40	200	0,15	0,45	0,40	0,65	0,75	0,75	0,50

Accessibility: The panels should be removable and the secured connection of the hooks to the anchors should prevent any accidental detachment.

Fire safety: The ceiling tiles should be classified A2-s1, d0 according to EN 13501-1; the suspension system should be A1. The glass wool core should be tested and classified as non-combustible according to EN ISO 1182.

Mechanical Stability: panels should remain 100% stable in environments reaching up to 95% relative humidity and 30°C temperature. They should be tested according to EN 13964:2014, Annex F.

Indoor Health and Wellbeing: Ceilings panels should comply with the French regulation on VOC emissions, A level. They should also be certified by the Finnish Building Information Group (RTS) with the M1 label. The panels should be free from Substances of Very High Concern (SVHC) above 100 ppm as defined by the European REACH regulation (No 1907/2006).

Circularity: The minimum post-recycled content of ceiling tiles should be 57%. Tiles should be 100% recyclable.

CE marking: The ceiling system should be CE-marked according to the harmonised standard EN 13964:2014 (“Suspended ceilings, requirements and tests methods”), with relevant Declarations of Performance (DoPs) issued.

Maintenance: Daily dusting and vacuum cleaning. Weekly wet wiping.